

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/583,191

CRF Edit Date: 07/06/2006
Edited by: DA

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,191

TIME: 13:00:24

Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

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3 <110> APPLICANT: BASF Aktiengesellschaft
5 <120> TITLE OF INVENTION: Psod-Expressionseinheiten
7 <130> FILE REFERENCE: PF 55185/Mec
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/583,191
C--> 10 <141> CURRENT FILING DATE: 2006-06-14
12 <160> NUMBER OF SEQ ID NOS: 44
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 173
16 <212> TYPE: DNA
17 <213> ORGANISM: Corynebacterium glutamicum
19 <220> FEATURE:
20 <223> OTHER INFORMATION: SUPEROXID\DISMUTASE\RXA03119\
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27 agcgccatct gacggatttt caaagatgt atatgctcgg tgcggaaacc tac 173
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 191
32 <212> TYPE: DNA
33 <213> ORGANISM: Corynebacterium glutamicum
35 <220> FEATURE:
36 <223> OTHER INFORMATION: SUPEROXID\DISMUTASE\RXA03119\
38 <400> SEQUENCE: 2
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41 tcgttgcaat atcaacaaaa aggcctatca ttgggaggtg tcgcaccaag tacttttgca 120
43 aagcgccatc tgacggattt tcaaaagatg tatatgctcg gtgcggaaac ctacgaaagg 180
45 attttttacc c 191
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 1365
50 <212> TYPE: DNA
51 <213> ORGANISM: Corynebacterium glutamicum
53 <220> FEATURE:
54 <223> OTHER INFORMATION: RXA00077
56 <400> SEQUENCE: 3
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59 aaacagatcg aggtgtcgct cttagatgtc atcgaaacct caccgcatat ttctgatttg 120
61 aaagatagca ctgatcggtc tgcgttagat gctgcgctag agagagcaaa aagagctgcc 180
63 gcagttgata ccaatgccat agaaggaatc ttccaaactg atcgcggttt taccataca 240
65 gttgcaacgc aggtaggggc ttgggagcaa caaatggcga tgaaaggcaa acatgttaga 300
67 cctgcgtttg acgatactct agaaggcttt gagtatgttc tcgatgcagt aactggtaga 360
69 actccaatct ctcagcaatg gattagaaat ttgcacgccc tcattctgca gagccaagaa 420
71 agccacgagg tttttacagc cggttgagtc caaatcagg cgcttcagaa aggcgagtat 480
73 aaaactcagc caaatagtc acagcgctca gatggatctg tacatgcata cgccccagtt 540

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RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,191

TIME: 13:00:24

Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

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79 tttgcagatg ggaatggacg agttgcacga gccttggtta gtgtttttct atacaaagat 720
81 cctggtgtcc ctctcgtaat ctaccaagat caacgcagag attacatcca tgctctagaa 780
83 gcagcggaca agaataaccc gctcctgctg attagattct ttgctgaacg agtgaccgat 840
85 actattaact ctattatcgt tgatctcact accccgatcg cgggtaaact tggttcggct 900
87 aagctttcgg atgcgctacg cccactcgc gtattaccag aattacatga tgctacacat 960
89 aggtcccaag aaagtttatt tacagaaatc cgatctcgat tggatgaaga aggaaaaagg 1020
91 aatgggttgg agtttctact tcaacggatt tttatcgggt cccattcaa tctgccagag 1080
93 ggctataacg ctttccctga tagctattgt ctgaccttag ctttcaatag caactctcca 1140
95 aaacaaatct tccaccgcgt atccatagta atagcagctc gagatgggaa aagagcgagc 1200
97 agcgacctcg tggcagctac ttctattgga tacaactttc acgcttacgg acgtgaagtc 1260
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105 <211> LENGTH: 454
106 <212> TYPE: PRT
107 <213> ORGANISM: Corynebacterium glutamicum
110 <400> SEQUENCE: 4
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112 1 5 10 15
114 Phe Asp Asp Trp Lys Gln Ile Glu Val Ser Leu Leu Asp Val Ile Glu
115 20 25 30
117 Ser Ser Arg His Phe Ser Asp Leu Lys Asp Ser Thr Asp Arg Ser Ala
118 35 40 45
120 Leu Asp Ala Ala Leu Glu Arg Ala Lys Arg Ala Ala Val Asp Thr
121 50 55 60
123 Asn Ala Ile Glu Gly Ile Phe Gln Thr Asp Arg Gly Phe Thr His Thr
124 65 70 75 80
126 Val Ala Thr Gln Val Gly Ala Trp Glu Gln Met Ala Met Lys Gly
127 85 90 95
129 Lys His Val Lys Pro Ala Phe Asp Asp Thr Leu Glu Gly Phe Glu Tyr
130 100 105 110
132 Val Leu Asp Ala Val Thr Gly Arg Thr Pro Ile Ser Gln Gln Trp Ile
133 115 120 125
135 Arg Asn Leu His Ala Val Ile Leu Arg Ser Gln Glu Ser His Glu Val
136 130 135 140
138 Phe Thr Ala Val Gly Val Gln Asn Gln Ala Leu Gln Lys Gly Glu Tyr
139 145 150 155 160
141 Lys Thr Gln Pro Asn Ser Pro Gln Arg Ser Asp Gly Ser Val His Ala
142 165 170 175
144 Tyr Ala Pro Val Glu Asp Thr Pro Ala Glu Met Ala Arg Phe Ile Ser
145 180 185 190
147 Glu Leu Glu Ser Lys Glu Phe Leu Ala Ala Glu Lys Val Ile Gln Ala
148 195 200 205
150 Ala Tyr Ala His Tyr Ala Phe Val Cys Ile His Pro Phe Ala Asp Gly
151 210 215 220
153 Asn Gly Arg Val Ala Arg Ala Leu Ala Ser Val Phe Leu Tyr Lys Asp
154 225 230 235 240

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Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

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157           245           250           255
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160           260           265           270
162 Phe Phe Ala Glu Arg Val Thr Asp Thr Ile Asn Ser Ile Ile Val Asp
163           275           280           285
165 Leu Thr Thr Pro Ile Ala Gly Lys Ser Gly Ser Ala Lys Leu Ser Asp
166           290           295           300
168 Ala Leu Arg Pro Thr Arg Val Leu Pro Glu Leu His Asp Ala Ala His
169 305           310           315           320
171 Arg Leu Gln Glu Ser Leu Phe Thr Glu Ile Arg Ser Arg Leu Asp Glu
172           325           330           335
174 Glu Gly Lys Arg Asn Gly Leu Glu Phe Leu Leu Gln Arg Ile Phe Ile
175           340           345           350
177 Gly Ser Pro Phe Asn Leu Pro Glu Gly Tyr Asn Ala Phe Pro Asp Ser
178           355           360           365
180 Tyr Cys Leu Thr Leu Ala Phe Asn Ser Asn Ser Pro Lys Gln Ile Phe
181           370           375           380
183 His Pro Leu Ser Ile Val Ile Ala Ala Arg Asp Gly Lys Arg Ala Ser
184 385           390           395           400
186 Ser Asp Leu Val Ala Ala Thr Ser Ile Gly Tyr Asn Phe His Ala Tyr
187           405           410           415
189 Gly Arg Glu Val Glu Pro Val Val Thr Glu Ser Phe Arg Glu Arg Val
190           420           425           430
192 Lys Ile Tyr Ala Asp Gly Ile Val Asp His Phe Leu Thr Glu Leu Ala
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195 Lys Lys Phe Gln Gln Asn
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199 <210> SEQ ID NO: 5

200 <211> LENGTH: 35

201 <212> TYPE: DNA

202 <213> ORGANISM: Corynebacterium glutamicum

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207 <400> SEQUENCE: 5

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212 <211> LENGTH: 34

213 <212> TYPE: DNA

214 <213> ORGANISM: Corynebacterium glutamicum

216 <220> FEATURE:

217 <223> OTHER INFORMATION: SEQ_ID_6

219 <400> SEQUENCE: 6

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223 <210> SEQ ID NO: 7

224 <211> LENGTH: 4323

225 <212> TYPE: DNA

226 <213> ORGANISM: Corynebacterium glutamicum

228 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,191

TIME: 13:00:24

Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

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236 <220> FEATURE:
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254 <223> OTHER INFORMATION: PsacB complement
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261 tttaaatcgc tagcgggctg ctaaaggaag cggaacacgt agaaagccag tccgcagaaa 180
263 cgggtgctgac cccggatgaa tgtcagctac tgggctatct ggacaaggga aaacgcaagc 240
265 gcaaagagaa agcaggtagc ttgcagtggg cttacatggc gatagctaga ctgggcgggt 300
267 ttatggacag caagcgaacc ggaattgcca gctggggcgc cctctggtaa ggttgggaag 360
269 ccctgcaaag taaactggat ggctttcttg ccgccaagga tctgatggcg caggggatca 420
271 agatctgac aagagacagg atgaggatcg ttgcgcatga ttgaacaaga tggattgcac 480
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275 atcggctgct ctgatgccgc cgtgttccgg ctgtcagcgc agggggcgccc gggtcttttt 600
277 gtcaagaccg acctgtccgg tgccctgaat gaactgcagg acgaggcagc gcggctatcg 660
279 tggctggcca cgacgggcgt tccttgcgca gctgtgctcg acgttgtcac tgaagcggga 720
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285 gctacctgcc cattcgacca ccaagcgaaa catcgcatcg agcagcacg tactcggatg 900
287 gaagccggtc ttgtcgatca ggatgatctg gacgaagagc atcaggggct cgcgccagcc 960
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307 gcttctcgc tcaactgactc gctgcgctcg gtcggttcggc tgcggcgagc ggtatcagct 1560
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RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,191

TIME: 13:00:24

Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

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315 aacccgacag gactataaag ataccaggcg tttccccctg gaagctccct cgtgcgctct 1800
317 cctgttccga ccctgccgct taccggatac ctgtccgcct ttctcccttc gggaagcgtg 1860
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329 ggaaaaagag ttggtagctc ttgatccggc aaacaaacca ccgctggtag cgggtggttt 2220
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333 ttttctacgg ggtctgacgc tcagtggaaac gaaaactcac gttaagggat tttggtcagt 2340
335 agattatcaa aaaggatctt cactagatc cttttaaagg ccggccgcgg ccgccatcgg 2400
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367 gtgtagaata aacggatttt tccgtcagat gtaaatgtgg ctgaacctga ccattcttgt 3360
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397 gcataaagtt gcctttttta tcacaattca gaaaatatca taatatctca tttcactaaa 4260
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401 atc
404 <210> SEQ ID NO: 8
405 <211> LENGTH: 5860
406 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/583,191

DATE: 07/06/2006

TIME: 13:00:25

Input Set : N:\DA\pto.da.txt

Output Set: N:\CRF4\07052006\J583191.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/583,191

DATE: 06/27/2006

TIME: 10:38:45

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\06272006\J583191.raw

3 <110> APPLICANT: BASF Aktiengesellschaft
5 <120> TITLE OF INVENTION: Psod-Expressionseinheiten
7 <130> FILE REFERENCE: PF 55185/Mec
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/583,191
C--> 10 <141> CURRENT FILING DATE: 2006-06-14
12 <160> NUMBER OF SEQ ID NOS: 44

ERRORED SEQUENCES

2623 <210> SEQ ID NO: 44
2624 <211> LENGTH: 7
2625 <212> TYPE: DNA
2626 <213> ORGANISM: Corynebacterium glutamicum
2628 <220> FEATURE:
2629 <223> OTHER INFORMATION: RIBOSOMALE_BINDUNGSSTELLE\SHINE-DALGARNO
2631 <400> SEQUENCE: 44
2632 gaaagga

E--> 2636 PF 55185
E--> 2638 42
E--> 2642 PF 55185

deleted

Does Not Comply
Corrected Diskette Needed
Cp9-1)

7

VERIFICATION SUMMARY

DATE: 06/27/2006

PATENT APPLICATION: US/10/583,191

TIME: 10:38:47

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\06272006\J583191.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2636 M:254 E: No. of Bases conflict, LENGTH:Input:55185 Counted:9 SEQ:44
L:2636 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
M:254 Repeated in SeqNo=44
L:2642 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:2642 M:252 E: No. of Seq. differs, <211> LENGTH:Input:7 Found:11 SEQ:44